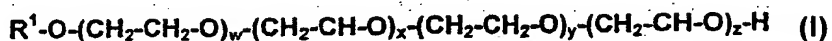


What is claimed is:

1. A machine dishwashing detergent comprising one or more builders, one or more surfactants, and 0.1 to 50% by weight of one or more nonionic surfactants which, at a concentration of 0.1 g/l in distilled water, have a dynamic surface tension of less than 60 mNm^{-1} at a frequency of 1 Hz.
2. The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s), at a concentration of 0.1 g/l in distilled water, have a dynamic surface tension of less than 55 mNm^{-1} at a frequency of 1 Hz.
3. The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s), at a concentration of 0.1 g/l in distilled water, have a dynamic surface tension of less than 50 mNm^{-1} at a frequency of 1 Hz.
4. The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s), at a concentration of 0.1 g/l in distilled water, have a dynamic surface tension of less than 65 mNm^{-1} , at a frequency of 5 Hz.
5. The machine dishwashing detergent of claim 4, wherein the nonionic surfactant(s), at a concentration of 0.1 g/l in distilled water, have a dynamic surface tension of less than 60 mNm^{-1} , at a frequency of 5 Hz.
6. The machine dishwashing detergent of claim 1, wherein the nonionic surfactant(s) are present in amounts of from 0.5 to 40% by weight.
7. The machine dishwashing detergent of claim 6, wherein the nonionic surfactant(s) are present in amounts of from 1 to 30% by weight.

8. The machine dishwashing detergent of claim 7, wherein the nonionic surfactant(s) are present in amounts of from 2.5 to 25% by weight.
9. The machine dishwashing detergent of claim 8, wherein the nonionic surfactant(s) are present in amounts of from 5 to 20% by weight.
10. The machine dishwashing detergent of claim 1, comprising one or more surfactants of the general formula I:



in which R^1 is a straight-chain or branched, saturated or mono- or polyunsaturated C_{6-24} -alkyl or -alkenyl radical; each group R^2 and R^3 , independently of one another, is chosen from $-\text{CH}_3$, $-\text{CH}_2\text{CH}_3$, $-\text{CH}_2\text{CH}_2\text{-CH}_3$, $\text{CH}(\text{CH}_3)_2$ and the indices w , x , y , z , independently of one another, are integers from 1 to 6.

11. The machine dishwashing detergent of claim 10, wherein R^1 is an alkyl radical having 6 to 24 carbon atoms.
12. The machine dishwashing detergent of claim 11, wherein R^1 is an alkyl radical having 8 to 20 carbon atoms.
13. The machine dishwashing detergent of claim 12, wherein R^1 is an alkyl radical having 9 to 15 carbon atoms.

14. The machine dishwashing detergent of claim 13, wherein R^1 is an alkyl radical having 9 to 11 carbon atoms.
15. The machine dishwashing detergent of claim 10, wherein R^2 and R^3 are a radical $-CH_3$, w and x, independently of one another, are values of 3 or 4 and y and z, independently of one another, are values of 1 or 2.
16. The machine dishwashing detergent of claim 10, comprising the builder(s) in amounts of from 5 to 90% by weight.
17. The machine dishwashing detergent of claim 16, comprising the builder(s) in amounts of from 7.5 to 85% by weight.
18. The machine dishwashing detergent of claim 17, comprising the builder(s) in amounts of from 10 to 80% by weight.
19. The machine dishwashing detergent of claim 1, comprising one or more enzyme(s) in amounts of from 0.01 to 15% by weight.
20. The machine dishwashing detergent of claim 19, comprising one or more enzyme(s) in amounts of from 0.1 to 10% by weight.
21. The machine dishwashing detergent of claim 20, comprising one or more enzyme(s) in amounts of from 0.5 to 6% by weight.
22. The machine dishwashing detergent of claim 21, comprising one or more bleaches in amounts of from 1 to 40% by weight.

23. The machine dishwashing detergent of claim 21, comprising one or more bleaches in amounts of from 2.5 to 30% by weight.
24. The machine dishwashing detergent of claim 21, comprising one or more bleaches in amounts of from 5 to 20% by weight.